Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Tuesday 05 Oct 2021 until 23:59 on Wednesday 06 Oct 2021

Forecast Issued on Monday 04 Oct 2021 at 14:26

Confidence: Lower confidence in details for Tuesday's rainfall and how long it will last, high confidence for a settled day on Wednesday but again confidence decreases on Thursday and Friday as another wet and windy period is likely.

Headline for Tuesday 05 Oct 2021: A wet and windy day, with Northwesterly gales on the Dales.

Mountain weather hazards on Tuesday 05 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Partly cloudy (night)
Precipitation probability							
40%	60%	60%	80%	80%	80%	60%	30%

Forecast for Tuesday 05 Oct 2021

Weather: Rainfall mostly affecting the eastern side of the Yorkshire Dales at first overnight but spreading west by dawn. Rain becoming heavy and persistent through the day with some localised flooding possible of watercourses and access roads. Perhaps some more breaks in the rain in the west during later in the day. Rain eventually clearing from the west with some cloud breaks likely during the evening.

Chance of cloud free mountain/hill tops above 600m: In the east 20% or less, in the west 30%, there may be more cloud breaks as rain eases at times in the western of the Yorkshire Dales but there is uncertainty in the extent rain will spread west and how soon it will clear away in the afternoon. Perhaps some cloud breaks in the afternoon around western hills.

Visibility: Visibility will be poor or very poor around eastern Dales with extensive low cloud and heavy outbreaks of rain. Cloud is likely to be broken or extensive from 300m and above. In the west cloud will be scattered or broken from 400m and above and rain is expected to be more showery with some clearer spells. Some brighter conditions will reach the west during the evening with cloud expected to break and clear.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 05 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 E	17/25 E	11/17 NE	18/28 N	22/32 N	25/37 NW	25/37 NW	23/34 NW	20/31 NW
300	8/18 E	12/24 E	10/20 NE	13/27 N	16/32 NW	17/37 NW	16/35 NW	15/33 NW	12/28 NW
Valley	8/18 E	11/25 NE	12/24 NE	14/30 N	14/32 NW	14/33 NW	14/32 NW	12/28 NW	9/24 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	7/2	7/4	7/2	7/2	6/1	6/1	6/0	5/-0
300	8/6	9/6	9/6	9/6	9/6	9/5	8/5	8/4	7/3
Valley	10/8	10/8	10/7	10/7	10/8	10/8	10/7	9/7	8/6
Freezing Level*	1700m	1800m	1800m	1700m	1700m	1600m	1600m	1500m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very chilly on the hill tops with winds touching gale force and heavy rain at times.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 04 Oct 2021	7mm	22.4mm	37.4mm

Forecast for Wednesday 06 Oct 2021

Weather: Cloud clearing overnight and feeling chilly by dawn as strong northwesterly winds begin to ease. Perhaps some local frost possible. A bright day is expected with lots of Autumn sunshine, perhaps clouding over later in the afternoon.

Maximum wind: Northwesterly 20mph with gusts 30mph around dawn but steadily easing and 10-15mph is likely by mid afternoon, turning southerly later in the evening.

Chance of cloud free mountain/hill tops above 600m: 90%, some early patches of cloud but nearly all summits will be clear with good clarity of air in the northwesterly airstream giving good views during the afternoon.

Visibility: Very good visibility but some patches of cloud around 700m at the start of the day.

Temperature: **Valleys:** Plus 5 rising to 12 Celsius.
At 600m: Plus 2 Celsius rising 9 Celsius.
Freezing level: Above the summits.

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